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(71) Applicant *(for all designated States except US)*: **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **SAITO, Kimio** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). **TANAKA, Nobuyuki** [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(74) Agent: **ITEC INTERNATIONAL PATENT FIRM**; Uchisaiwaicho Dai Bldg., 3-3, Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

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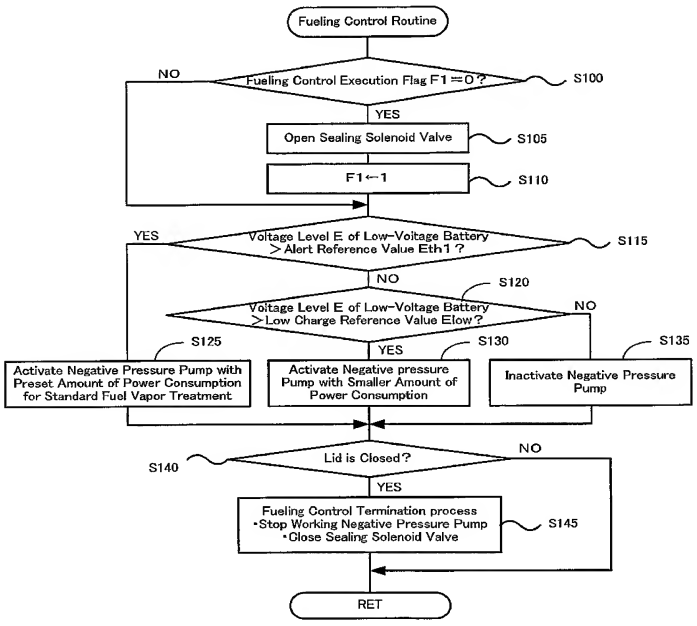
(54) Title: MOTOR VEHICLE AND CONTROL METHOD OF MOTOR VEHICLE



(57) Abstract: In a hybrid vehicle of the invention, when a voltage level E of a low-voltage battery exceeds a preset alert reference value Eth1 (step S115), fueling control activates a negative pressure pump with a preset amount of power consumption for standard fuel vapor treatment (step S125). When the voltage level E of the low-voltage battery exceeds a low charge reference value Elow but is not higher than the preset alert reference value Eth1 (steps S115 and S120), the fueling control activates the negative pressure pump with a smaller amount of power consumption (step S130). When the voltage level E of the low-voltage battery is not higher than the low charge reference value Elow (step S120), the fueling control inactivates the negative pressure pump (step S135). Such control enables at least a voltage of the low charge reference value Elow to be reserved in the low-voltage battery even after regulation of internal pressure of a fuel tank.

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